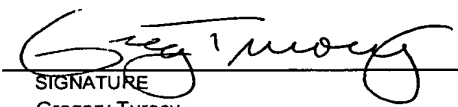


<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER BCGP101US
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/561776</b>
INTERNATIONAL APPLICATION NO. PCT/CA2004/000924	INTERNATIONAL FILING DATE 21 June 2004	PRIORITY DATE CLAIMED 20 June 2003
TITLE OF INVENTION SYNTHESIS OF ARBORESCENT POLYMERS BASED ON DIENES		
APPLICANT(S) FOR DO/EO/US Gauthier, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input type="checkbox"/> A preliminary amendment.</li> <li><input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</li> <li><input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information: Express Mail Certificate; Credit Card Payment Form; Application Filing Letter</li> </ol>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; text-align: center;">10/561776</div>		INTERNATIONAL APPLICATION NO. PCT/CA2004/000924		ATTORNEY'S DOCKET NUMBER BCGP101US		
21. The following fees are submitted:						
<input checked="" type="checkbox"/> a) Basic national fee..... \$300.00				\$ 300.00		
<input checked="" type="checkbox"/> b) Examination fee..... \$200.00				\$ 200.00		
<input checked="" type="checkbox"/> c) Search fee..... \$500.00				\$ 500.00		
<b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>				\$ 1,000.00		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE			
46	- 100 =	/50 =	x \$250.00	\$		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$		
Total claims	15 - 20 =		x \$50.00	\$		
Independent claims	2 - 3 =		x \$200.00	\$		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,000.00		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 500.00		
<b>SUBTOTAL =</b>				\$ 500.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$		
<b>TOTAL NATIONAL FEE =</b>				\$ 500.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00		
<b>TOTAL FEES ENCLOSED =</b>				\$ 540.00		
				Amount to be refunded:	\$	
				Amount to be charged:	\$ 540.00	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.						
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. 50-1063. A duplicate copy of this sheet is enclosed.						
d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b>						
SEND ALL CORRESPONDENCE TO:						
Amin & Turocy, LLP 24th Floor, National City Center 1900 East Ninth Street Cleveland, Ohio 44114 Telephone: (216) 696-8730 Fax: (216) 696-8731						
				 SIGNATURE Gregory Turocy		
				NAME		
				36,952		
				REGISTRATION NUMBER		

10/561776

APR 20 2006  
APR 20 2006  
PCT/PTO 20 DEC 2005

**Docket No.:** BCGP101US  
**Applicant:** Gauthier, et al.  
**Title:** SYNTHESIS OF ARBORESCENT POLYMERS BASED  
ON DIENES

I hereby certify that the attached patent application (along with any other paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on this date December 20, 2005, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV628831129US addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Rebecca A. Bellas

(Typed or Printed Name of Person Mailing Paper)



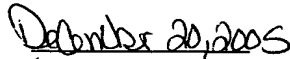
(Signature of Person Mailing Paper)

BCGP101US

**CERTIFICATE OF MAILING**

I hereby certify that this paper is being deposited with the United States Postal Service on the date shown below with sufficient postage as Express Mail Label **EV628831129US** in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

  
(Signature of person mailing paper)

  
(Date)

Rebecca A. Bellas  
(Type or print name of person mailing paper)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application

Applicant:	Gauthier, et al.	:	Art Unit:	----
Express Mail No.:	EV628831129US	:	Examiner:	----
Filed:	HEREWITH	:		
Title:	SYNTHESIS OF ARBORESCENT POLYMERS BASED ON DIENES			

**NEW APPLICATION FILING LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

The attached application is submitted herewith absent a Combined Declaration and Power of Attorney. The inventors are as follows:

**Name:** Mario Gauthier  
**Residence:** Kitchener, Ontario, Canada  
**Address:** 503-547 Belmont Avenue West  
Kitchener, Ontario, Canada N2M 5G9

BCGP101US

**Name:** Zhongshun Yuan  
**Residence:** Waterloo, Ontario, Canada  
**Address:** 221-104 Seagram Drive  
Waterloo, Ontario, Canada N2L 3B8

Priority under 35 U.S.C. §119(e) is claimed to U.S. Provisional Patent Application No. 60/479,835 filed on June 20, 2003. This application is a National Phase filing under 35 U.S.C. § 371 of International Application No. PCT/CA2004/000924 filed on June 21, 2004.

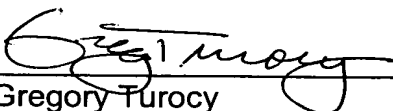
Please note that the title of the application was amended during the PCT phase.

It is requested that the Patent Office direct all correspondence regarding this application to:

Gregory Turocy  
AMIN & TUROCY, L.L.P.  
24<sup>th</sup> Floor, National City Center  
1900 East 9<sup>th</sup> Street  
Cleveland, Ohio 44114

Respectfully submitted,

AMIN & TUROCY, L.L.P.

  
\_\_\_\_\_  
Gregory Turocy  
Reg. No. 36,952

24<sup>th</sup> Floor, National City Center  
1900 East 9<sup>th</sup> Street  
Cleveland, Ohio 44114  
(216) 696-8731  
(216) 696-8730